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Subject: Guitar Head Amp Features

Posted by [gofar99](#) on Tue, 08 Jan 2013 16:23:44 GMT

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Hi Everyone, I'm looking for some input from the musician community out there. I'm in the final stages of design and prototyping of a head amp and would like to get some feedback on the features wanted / needed etc. The design is all tube with push-pull output of about 25 watts clean. It can use 6L6GC (initially 6L6WXT+), EL34 and similar tubes. Use is expected to be lead or rhythm, but bass use is possible as the low end response is clean and linear to below 20HZ.

Tentative features

Input level control

Main volume control

Full tone stack, bass, mid, treb

Clean switch, bypasses the tone stack

External feature inputs, like fuzz, reverb etc

Two inputs, low gain and high gain

4 and 8 ohm output

I have initially planned to have 1/4 inch standard phone jacks for inputs and external feature connections.

Are balanced 1/4 inch or XLR connections needed?

Your thoughts are appreciated. In the clean mode, I expect this will be among the sweetest ever done. As for the other modes...it is always easy to add the features.